

## Randy Tappin Is Administrator In Comptroller's-Financial Section

Effective January 1, 1970 A. R. (Randy) Tappin was promoted to accounting administrator in Comptroller's-Financial Section.

After graduating at the Grenada Boys' Secondary School, which had an 8-year curriculum, Randy began at Lago on November 28, 1944 as



A. R. Tappin

■ messenger 'A in the former Accounting Department.

He worked his way up through the typist and clerk categories to Jr. distribution clerk in August 1949. He subsequently worked as a supervisor in the Distribution &

Billing and Cost & Crude Pricing sections until he became assistant to division head in Shipping & Process Division in November, 1963.

He was named supervisor of Financial & Cost Section on April 1, 1964. From 1964 to 1966 he was assigned in Systems & Programming as a senior systems analyst.

Prior to his January 1 promotion, Randy had been section head-Financial Section since April 1967.

Randy followed several Lago-sponsored courses, including ICS courses in Basic Accounting (1945); General Accounting (1954); and Advanced Accounting (1957); Work Direction 1 & 2 (1958); Modern Supervisory Practice-2 (1959); Principles of Management (1961); IBM-1410 Programming (1962); Refinery Economics (1962); English Writing (1963); Organization Development Lab (1964); COBOL-IBM (1966); and Kepner Tregoe-Genco & Decision Making (1968).

In Lima, Peru, Randy at-

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## A.I. Steenen, R. Wouter Advance to Higher Positions

Two new promotions went into effect January 1, 1970. Alfonso I. Steenen advanced to Lab. technician in Technical-Laboratories, Analytical & Development Section, and Raymond Wouter became shift foreman in Process-Terminal Division.

Al Steenen joined the company twelve years ago as ■ Lago Vocational student. After graduating he worked in the junior engineering trainee categories in Mechanical-Engineering Division. In 1957 he left for the U.S.A. where he attended the Watkinson Preparatory School in Connecticut before enrolling at the Pratt Institute to study chemical

engineering. Returning to Lago in 1960 he was employed as a Jr. engineering assistant in Technical-Process Engineering.

In 1963 Al returned to col-



A. I. Steenen



Technical Manager H. V. Mowell congratulates Elio Pellegrim and presents him with the ICS chemical engineering certificate in the presence of Lab Division Supt. B. S. Whitney (left) and Supervising Engineer D. L. Schermerhorn.

Gerente Tecnico H. V. Mowell ta felicita y presenta certificado ICS den ingenieria quimica na Elio Pellegrim den presencia di Lab Division Supt. B. S. Whitney (robez) y Ingeniero Supervisorio D. L. Schermerhorn.

## Elio S. Pellegrim Ta Completa Curso ICS di Ingenieria Quimica

Perseverancia y determinacion a trece su recompensa pa Elio S. Pellegrim, cu ta traha den Seccion Analytical/Development di Technical/Labora-

torio. Algun dia pasá el ■ recibi certificado despues di completa un curso di ingenieria quimica di International Correspondence Schools na October di anja pasá. Gerente Tecnico H. V. Mowell a haci presentacion di ■ certificado I.C.S.

Como un di un grupo di siete persona cu a cuminsa e curso na 1965 patrociná door di Lago, Elio ■ dedica mas cu 800 ora di estudio na e curso, cual el ■ completa den mas of menos 3½ anja. Mas cu 80% di su gradonan di evaluacion tabata A, y restu tur tabata B. E ta di dos estudiante cu a completa e curso. E promer tabata Calvin Assang di Technical-Process Engineering.

Anteriormente Elio ■ jega di completa un curso RCA den fundamentalnan di electricidad (1962), distribucion di coriente electrico industrial di Lago (1963).

lege to further his studies. Upon returning he was assigned to Technical-Laboratories as a Jr. Lab. assistant. The following year he was promoted to Sr. Lab assistant, the position he held before his January 1 promotion.

Al is presently assigned as Quality Adviser/Blender for aviation and motor gasoline, naphthas and wide-cut jet fuels.

A sport fan, his special interest is soccer. In his spare time he practices carpentry, particularly woodcraft.

He is married and has a five-year-old son. On his next vacation he plans to travel to Mexico and the United States.

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J. M. de Cuba - Photographer

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## Dick Bauer's Invention Will Coat Miles of Hot and Cold Pipelines

Richard (Dick) H. Bauer recently was awarded his fifth patent in two years' time. The patent covers a system for rapidly spraying foamed insulations onto pipelines which are to be used in transporting heated or chilled fluids such as heavy fuel oils or liquefied natural gas (-250° F.).

The system has been licensed by Esso Research on a per mile royalty basis to eight large European, U.S. and Canadian contractors. Over 250 miles of pipelines have been insulated by this technique in the past two years, notably a 45-mile line owned by Esso Standard Italiana.

A 600-mile long crude oil pipeline across Alaska from the ice-bound North Slope to a warm southern Alaskan port may also be insulated through this method.

Dick's invention contains an improved and more economical method of providing insulation in the form of plastic foam such as polyurethane.

Depending on the need, the foam insulation is sprayed from a thickness of one to

three inches all around the pipe, while a subsequent water and vapor barrier in the form of a mastic or other type coating and paper wrapping is applied.

A senior project engineer with Esso Engineering's Technology Division, Dick filed the patent application in 1965. He transferred to Lago on August

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### Tappin Promoted

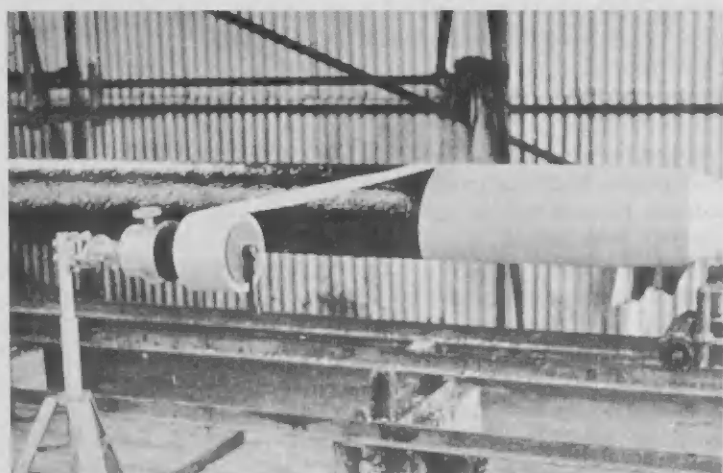
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tended a Marketing Workshop in 1963 and a Financial Reporting Seminar in 1966.

Randy serves on the Oil Conservation and Labor Relations Advisory committees. He is also a member of the Esso Club board of governors.

Randy is one of the three Lago managers of the Esso Tankvaart Nederlandse Antillen since December 8, 1967 when the shipping company was legally constituted.

Married, he lives on 43 Fort-heuvelstraat, San Nicolas. His hobbies include tennis and bowling.



Waterproof kraft paper is last to cover pipe insulation after layer of polyurethane and mastic coating have been applied. Papel kraft waterproof ta ultimo pa cubri e insulacion di tubo despues cu capa di polyuretano y mastic a ser poni rond di tubo.



Mechanical Manager K. L. Weill congratulates Dick Bauer with his new patent covering a system for rapidly spraying foamed insulation onto pipelines. Attending the presentation of the patent documents was Mech.-Engineering Div. Supt. R. D. Merrick.

Gerente Mechanical K. L. Weill (d) ta presenta documento di un patent na Dick Bauer, mientras R. D. Merrick ta mirando.

## Elio S. Pellegrin Completes ICS Chemical Engineering Course

Perseverance and determination brought a reward to Elio S. Pellegrin of the Analytical/Development Section of Technical-Laboratories. He was recently awarded a certificate after completing the Chemical Engineering Course of International Correspondence Schools in October last year. The presentation of the ICS certificate was made by Technical Manager H. V. Mo-well.

As one of a group of seven who started the Lago-sponsored course in 1965, Elio dedicated over 800 hours of study to the course and completed it in about 3½ years. Over 80% of his grades were A's, the rest were all B's. He is the second to complete the course. The first was Calvin Assang of Technical-Process Engineering.

Previously, Elio completed an RCA course in Electricity

Fundamentals (1962) and an Industrial Power Distribution course given by Lago (1963).

Under the Educational Refund Plan, two-thirds of the cost of the course will be absorbed by the company.

The course covers numerous facets of a chemical engineering curriculum, including mathematics, chemistry, process engineering topics and instrumentation.

A laboratory assistant, Elio gained more technical and theoretical background through the course. This will help him in his present work on quality development and control of naphthenic acids.

With nearly ten years of service, Elio previously worked in Technical's Engineering, Economics and Planning, and Process Engineering divisions. He has been with Technical-Lab since February 1968.

### Steenen, Wouter Promoted

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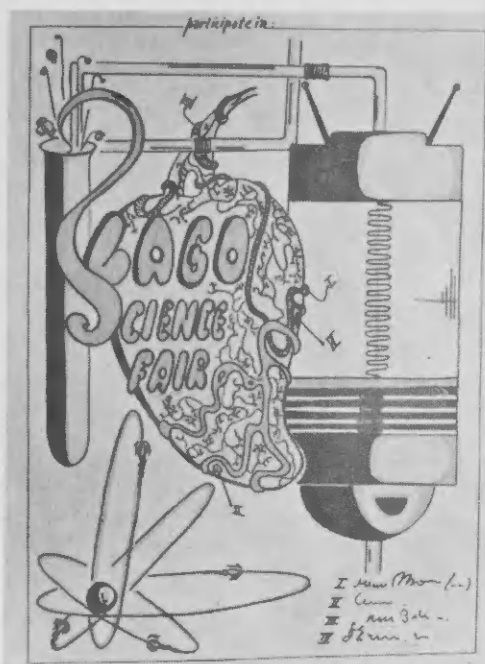
With his January 1 promotion, Raymundo Wouter has attained management status. A Lago Vocational School graduate of the 1954 class, Raymundo has worked all these years in the Process Department. He started as a process helper "D" in the former Receiving & Shipping Department

where he worked his way up to pumper in 1960.

In 1964 he was promoted to assistant operator. Raymundo's next promotion made him an operator in 1967.

Before his recent promotion he acted as shift foreman.

Raymundo, who is presently on vacation, is married and has five sons and a daughter.



The nine students who submitted the ten best posters in addition to the winner: E nueve estudiantenan cu a manda aden e diez mehor posternan ademas di esun ganador: Cerilio Abath, Michael Douval, Donald Tromp, Gilbert Wallé, Nidia Boyé, Emile Klees, Mark Peterson, John Fun and Maximiliano Arends.



Contest winner John den Boer, receives cash prize from Lago Science Fair Committee Chairman Alex Hoo. The winning poster is shown above.

John den Boer, ganador di concurso, ta recibi su premio na placa for di President di Lago Science Fair Comité Alex Hoo. E poster cu a gana ta ser muestra ariba.

## John den Boer a Gana Concurso Di Poster entre 43 Participantes

Participacion na e concurso di poster organisá door di e Comision Feria Científica di Lago tabata "enorme", manera president di e comision Alex Hoo, a nota durante un programa di television especial Januari 12. Cuarenta y cinco poster a worde presentá door di 43 participantes for di 6 diferente school.

Ganador di e concurso ta John den Boer di Colegio Arubano, kende su poster ta mus-

tra un curazon humano conectá cu tubo di laboratorio y otro aparato.

Ora di huzga merito di e posternan, e Comision pa Feria Científica a tuma na cuenta seis punto di criterio: creatividad, combinacion di colornan, claridad, relacion cu ciencia, nitidez y balor artistico.

Pa e programa di television tabata combidá 10 participan-  
(Continuá na pagina 6)

## John den Boer Wins LSF Poster Contest among 43 Participants

Participation in the poster contest organized by the Lago Science Fair Committee was "enormous," as LSF Committee Chairman Alex Hoo remarked during a special TV program on January 12. Forty-five posters were submitted by 43 participants from six different schools.

Winner of the contest was John den Boer of Colegio Arubano whose poster depicted a human heart connected to test tubes and other apparatus.

In evaluating the posters, the LSF Committee considered six points of criteria: creativity, color combination, cla-

rity, relation to science, neatness and artistic value.

Invited for the TV program were the ten participants who had submitted the 11 best posters as judged by the Committee. They were: Cerilio Abath, Michael Douval and Donald Tromp from the La Salle College; Emile Klees, Mark Peterson (2 posters), John Fun and John den Boer from Colegio Arubano; Gilbert Wallé from Mon Plaisir College; Nidia Boyé from Pieter Boerschool and Maximiliano Arends from John F. Kennedy School.

Each of the students present was given an opportunity to explain what his poster represents. All eleven posters were on display in the TV studio.

After opening remarks by committee member Albert Eman, Chairman Alex Hoo said on TV that this was the first poster contest held since the Lago Science Fair was first organized in 1967. He congratulated the winner and other participants. "Really remarkable," he said, "was the number of entries submitted by the Technical School of San Nicolas which turned in 31 posters."

Another indication of the enthusiasm among the young people was an entry turned in

(Continued on page 6)



John explains what his poster represents during television program.

John ta splica loque su poster ta representa durante programa di television.



## Hydrosulfurization Project Adds 14 New Units to Lago Refinery

The hydrosulfurization (HDS) facilities will include fourteen new units. Thirteen of them will be erected on the reclaimed land southeast of Powerhouse No. 1 while one unit will be built on the plot north of Powerhouse No. 1. The block layout plan on this page gives the names of the units.

The thirteen units will be located on an area of approximately 700,000 square feet, which area is shown on picture A. The top picture shows the model of these 13 units.

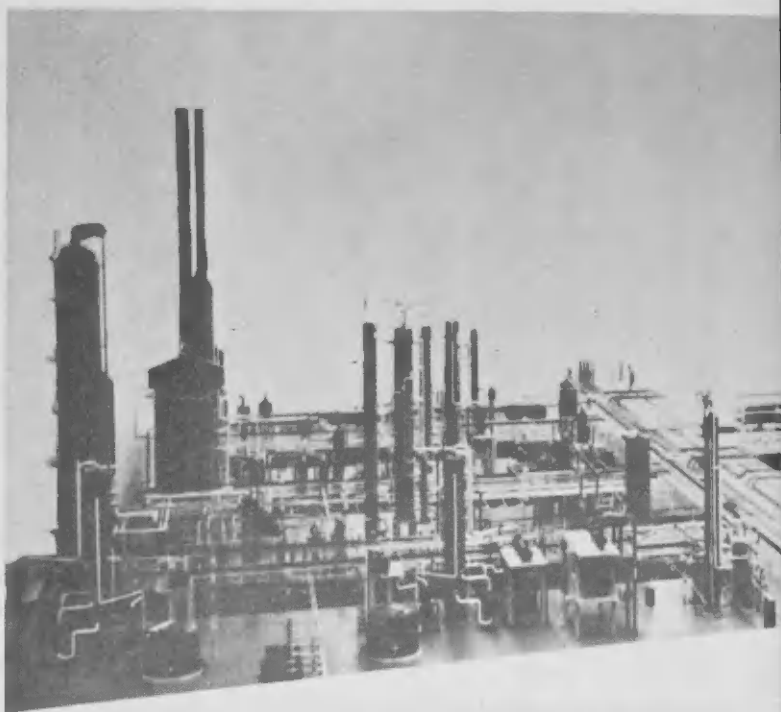
The hydrogen units will rise on an area of approximately 80,000 square feet north of Powerhouse No. 1. The construction site is shown on picture B.

The fourteen HDS units will receive approximately 200,000

barrels a day of feed stocks with various high sulphur contents from the existing refinery units and convert them into low sulphur products. By-products from these units will be sulphur in flake form and naphtha.

The new pier at the HDS site will serve for sulphur shipments.

Work is also in progress on nine new tanks of 400,000 barrels each and a small one (80,000 barrels) in the Tank Farm area to provide storage for the HDS units. Four new 400,000-barrel tanks now under construction in the Snow Pile area will provide seasonal storage space. These new tanks will increase Lago's storage capacity with over 5,200,000 barrels.



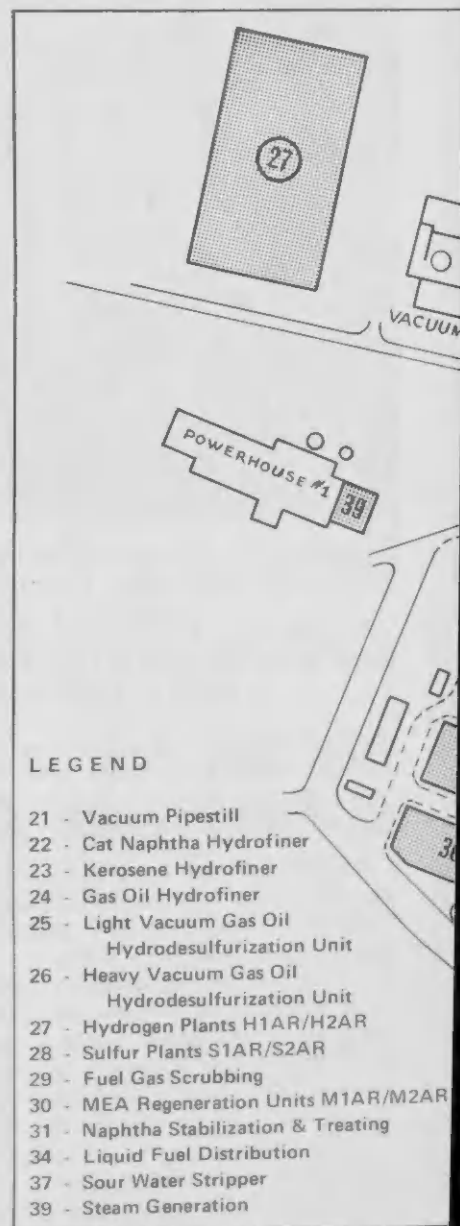
Model of HDS units, looking north. Modelo d



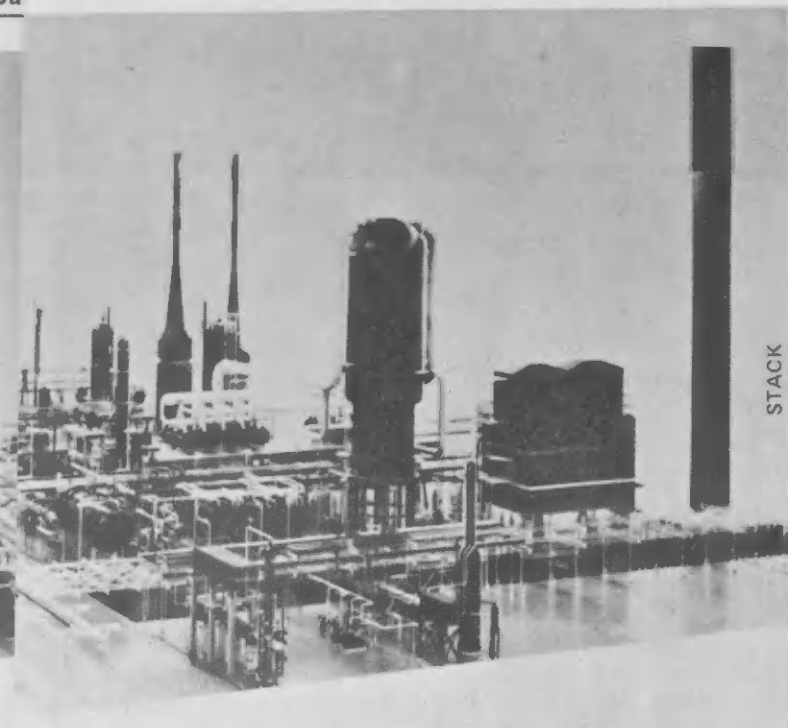
HDS site, looking southwest from PCAR.  
Sitio di HDS, mirando zuidwest for di PCAR.



Four new 400,000-barrel tanks as part of HDS Project.  
Cuatro tanki nobo di 400,000 baril como parti di Proyecto HDS.



Ja



STACK

## Proyecto Hidrodesulfurizacion Ta Trece 14 Unidad Nobo den Refineria

E facilidadnan nobo di hidrodesulfurizacion (HDS) lo inclui diezcuater unidad nobo. Dieztres di nan lo worde trahá riba tereno reclamá for di lama zuid-oost di Powerhouse No. 1. E mapa cu cuadra cu ta parce riba e bladji aki ta duna nomber di e unidadnan.

E dieztres unidad lo ta situá riba un tereno di mas of menos 700,000 pia cuadrá, cual ta parce riba fotografia A. E fotografia mas ariba ta muestra un modelo di e 13 unidad.

E unidad di hidrógeno ta keda riba un tereno di mas of menos 80,000 pia cuadrá pa nord di Powerhouse No. 1. Fotografia B ta muestra su lugar di construccion.

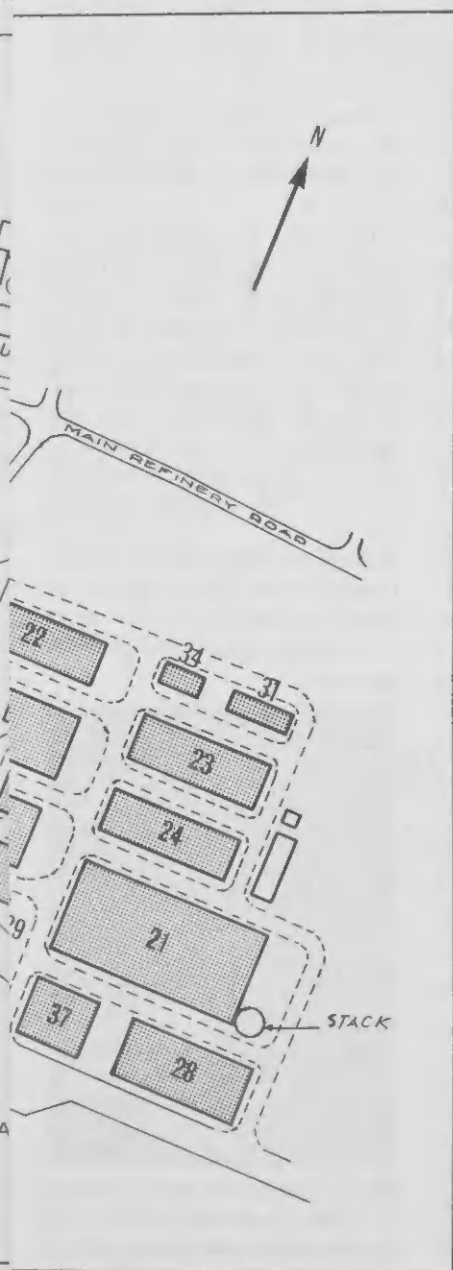
E diezcuater unidadnan di HDS lo recibi aproximadamente 200,000 bari di azeta cu hopi zwavel aden for di e uni-

dadnan di refineria cu ta existi, pa converti nan den productonan cu poco zwavel aden. Productonan secundario di e unidadnan aki lo ta zwavel den forma di scama y nafta.

E waf nobo na sitio di HDS ta pa exporta zwavel.

Tambe trabao ta progresando riba nuebe tanki nobo di 400,000 bari cada un, y un chikitu di 80,000 bari. Nan ta keda den tereno di Tankfarm y nan lo sirbi pa warda zeta cu ta bini di unidadnan HDS. Cuater tanki di 400,000 bari den vecindario di Snowpile, tambe bao construccion awor, lo percura pa espacio pa warda azeta pa bende den tempu di friu ora tin hopi venta di zeta. Ora e tankinan nobo ta cla, Lago su capacidad total di warda zeta lo ser aumenta cu mas di 5,200,000 bari.

an di Hidrodesulfurizacion, mirando noord.



Site of hydrogen units, looking north from Powerhouse No. 1.  
Sitio di unidadnan hidrogeno, mirando noord for di Powerhouse No. 1.



Section of new pier on HDS site, looking west.  
Parti di e pier nobo ariba tereno di HDS, mirando west.

## SUMMARY OF RAINFALL OBSERVATIONS, Oct. 1929 - Dec. 1969

(DATA IN INCHES)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1929										1.47	2.22	2.63	
1930	1.26	Nil	Nil	0.53	Nil	0.22	Nil	0.20	0.63	0.85	1.66	2.38	7.73
1931	0.65	0.59	Nil	0.32	0.69	0.03	1.60	0.52	4.84	0.40	1.83	4.12	15.59
1932	2.66	0.30	0.10	Nil	1.30	0.70	0.55	0.82	1.73	4.65	9.71	3.85	26.37
1933	1.97	1.44	0.33	0.15	0.24	0.92	1.90	0.74	0.31	6.67	3.38	9.02	27.07
1934	3.59	0.20	0.10	0.06	Nil	0.33	0.14	1.17	0.17	1.00	4.60	1.59	12.95
1935	0.27	3.40	0.26	0.03	0.03	0.11	0.69	0.26	3.44	1.78	5.31	2.05	17.63
1936	0.34	0.24	Nil	0.40	0.01	0.46	1.54	0.04	2.85	2.59	3.33	2.23	14.03
1937	2.21	0.17	0.04	Nil	0.31	0.27	0.59	0.26	0.48	1.02	2.45	6.73	14.53
1938	2.65	1.38	1.70	2.13	0.35	0.45	1.69	2.28	0.24	2.68	11.85	3.23	30.63
1939	1.45	0.75	0.29	0.06	Trace	0.51	0.05	0.42	0.55	2.18	2.95	2.02	11.23
1940	0.15	0.09	0.03	0.06	0.44	0.08	0.37	0.23	0.78	0.21	5.30	1.12	8.93
1941	0.37	Nil	0.12	4.12	0.44	0.24	0.75	0.05	0.21	1.83	0.52	0.47	9.12
1942	1.07	0.16	0.02	1.21	0.03	1.18	0.55	1.32	1.87	2.60	3.88	5.92	19.81
1943	2.67	0.15	0.39	0.37	0.13	0.68	1.37	0.52	0.16	1.26	2.03	1.75	11.48
1944	0.91	0.38	0.30	0.91	5.50	0.75	0.81	0.38	0.51	1.67	12.10	7.00	31.22
1945	0.60	2.33	0.66	0.80	0.23	1.16	0.53	1.12	0.23	2.95	0.71	0.16	11.48
1946	1.39	1.89	0.10	0.24	0.71	1.62	0.42	0.23	0.01	0.55	6.85	8.67	22.58
1947	2.37	0.08	Trace	Trace	0.01	0.07	0.88	0.71	0.64	0.38	0.72	2.39	8.25
1948	1.19	0.75	0.17	0.84	0.64	0.32	0.62	0.50	0.58	0.67	2.45	1.24	9.97
1949	2.12	2.22	0.11	Trace	0.22	0.02	0.29	3.09	0.15	4.14	0.89	7.45	20.70
1950	7.88	2.71	0.98	1.34	2.21	2.65	0.99	0.95	0.08	3.58	8.88	11.92	44.17
1951	4.01	2.52	1.34	0.10	5.69	0.29	0.19	Trace	0.20	1.25	2.72	4.38	22.69
1952	3.04	0.14	0.01	0.02	Trace	1.60	0.80	1.29	1.10	0.95	2.06	5.03	16.04
1953	2.28	0.31	0.71	0.25	0.31	0.02	0.66	0.37	0.91	1.68	2.61	4.60	14.71
1954	1.58	5.71	1.03	0.67	0.14	0.42	0.97	0.54	1.19	9.19	2.80	2.38	26.62
1955	2.11	0.87	0.65	1.36	0.01	0.71	1.82	2.25	5.64	6.03	14.66	2.31	38.42
1956	8.95	4.69	0.19	0.39	0.32	0.08	0.53	1.70	0.90	7.73	2.50	8.12	36.10
1957	6.18	0.50	Trace	0.05	0.03	0.43	0.58	0.09	1.67	2.18	1.79	3.30	16.80
1958	0.01	0.01	0.02	0.16	2.30	1.56	0.79	1.83	0.20	0.48	1.22	1.29	9.87
1959	0.80	0.74	Nil	Trace	4.05	0.87	0.76	1.15	0.60	1.87	0.38	0.15	11.37
1960	1.81	Trace	0.48	0.54	Trace	1.96	1.10	3.16	Trace	0.41	0.39	0.93	10.78
1961	1.59	0.77	Trace	0.09	0.01	0.36	6.43	0.41	0.92	7.13	7.37	4.65	29.73
1962	2.18	0.22	0.18	0.02	1.32	0.55	0.60	1.15	0.57	2.86	1.31	1.67	12.63
1963	2.63	0.27	0.61	0.92	1.15	0.19	1.90	0.09	0.21	1.22	7.50	3.11	19.80
1964	0.44	0.11	0.09	0.18	0.01	1.31	1.23	0.85	0.05	0.88	0.92	1.80	7.87
1965	1.62	1.76	0.63	Nil	0.46	0.45	1.15	0.41	0.07	3.10	0.89	1.76	12.30
1966	0.72	2.20	Nil	0.12	0.50	3.31	0.74	1.09	0.44	2.82	5.97	6.59	24.50
1967	2.17	2.00	2.45	1.75	0.90	0.19	1.68	0.14	4.99	0.84	3.04	2.68	22.83
1968	1.55	1.50	0.21	0.71	0.09	1.50	1.33	0.79	0.47	0.54	0.68	1.09	10.46
1969	6.76	Nil	0.15	0.28	0.21	Nil	2.10	0.02	Nil	1.67	11.47	2.54	25.20
Ave	2.21	1.21	0.45	0.62	0.88	0.73	1.07	0.85	1.07	2.39	4.00	3.57	19.05

## Science Fair Poster Contest

(Continued from page 3)

by non-participant Harry Boyé who is no longer a student but participated in a previous science fair.

During the TV program Mr. Hoo presented a Fls. 25 cash prize to winner John den Boer. A set of four-color felt tip pens

was presented to each participant as a token of recognition for their participation in the contest.

This year the Lago Science Fair will be held in San Nicolas March 16-17 and in Oranjestad March 20-21.



Donald Tromp of La Salle College explains his poster during TV program.

Donald Tromp di La Salle College ta splica su poster durante programa di TV.

## Concurso di Poster di Science Fair

(Continúa di pagina 3)

tes cu e manda aden e 11 mi-hor poster, manera ■ comision a huzga. Nan tabata Cerilio Abath, Michael Douval y Donald Tromp di La Salle College; Emile Klees, Mark Peterson (2 poster), John Fun y John den Boer di Colegio Arubano; Gilbert Wallé di Mon Plaisir College; Nidia Boyé di Pieter Boerschool y Maximiliano Arends di John F. Kennedy School.

Cada estudiante presente tabatin oportunidad di splica kiko su poster ta nificá. Tur 11 poster tabata na exposicion den studio di Tele-Aruba.

Despues di introduccion door di miembro di e comision Albert Eman, president Alex Hoo a bisa na television cu esaki ta e promer concurso di poster tení desde cu Lago ta organisando ferianan científica for di anja 1967. El ■ duna pabien na e ganador y na e otro participantenan. "Realmente

notabel ta e cantidad di posternan cu nos a recibi for di Technische School San Nicolas cu a manda no menos cu 31," asina Sr. Hoo a nota.

Otro indicacion di entusiasmo entre hobennan, tabata un poster recibí for di Harry Boyé, kende e mes no ta participante pasobra e no ta studia mas, pero a jega di participá na un feria científica anterior.

Durante e programa na television Sr. Hoo a entregá un prijs di 25 florin na placa na ganador John den Boer. E otro participantenan a recibí un set di 4 pen di color como senjal di aprecio pa nan cooperacion na e concurso di poster. Otro participantenan lo recibí nan premio via nan school.

E anja aki Lago su Feria Científica lo tuma lugar na San Nicolas dia 16 y 17 di Maart, y na Playa dia 20 y 21 di Maart.

A 3-week course in Bearing & Mechanical Seal Failure Analysis is being given to Mechanical tradesmen. Partly videotaped, the course is conducted here by C. R. Miannay of Mechanical-Maintenance Engineering.

Un curso di 3 siman tocante analisis di fayo di bearing y seyo mecanica ta ser duna na artesanos di Mechanical. En parte na videotape, e curso ta ser conduci aki pa C. R. Miannay di Mechanical-Maintenance Engineering.



Non-participant Harry Boye submitted this poster. No-participante Harry Boye a manda aden e poster aki.





First group to start Refining Basics course. Promer Grupo pa cuminsa curso den puntanan basico di refinacion.

## Over 100 Employees to Follow 7-Week Refining Basics Course

The impact of the Hydrodesulfurization (HDS) Project on the Refining Division necessitates an expansion of forces.

To meet this need and prepare for the startup and operation of the fourteen HDS units, more than 100 men from the Supply and Terminal Divisions of Process Department and from the Mechanical Department will be trained in principles of refining in the next six months.

The first course, taught from 7 a.m. till 4 p.m., started January 12 in the Administration Building, Room 277, with 36 participants. A similar course will follow prob-

ably in March and May for other groups.

Subjects covered by the course include mathematics, knowledge of pumps and compressors, chemistry, distillation and instrumentation.

During the last two and a half weeks, the trainees will be taught unit sketching and unit operation by three Refining Division shift foremen.

In charge of the course are Joe D. Midwikis, who previously conducted a similar process training program at Lago, and Process Training Coordinator Dufi Kock. Mr. Midwikis recently conducted a training program for the startup and operation of the HDS facilities at Amuay.

## Mas cu 100 Empleado Lo Tuma Curso Den Puntanan Basico di Refinacion

Influencia cu proyecto di hidrodesulfurizacion (HDS) tin riba Division di Refinacion ta haci necesario pa tin mas empleado.

Pa percura pa esey y prepara pa e momento di start e diezcuater unidad di cual HDS ta consisti, empleadonan di legio pa sigi studia. Ora el a bini bek aki el a worde encargá cu trabao den laboratorio di Technical como asistente Jr. di Laboratorio. Sigiente anja el a recibi promocion como asistente senior di laboratorio, cual puesto e tabatin promer cu su promocion di Januari 1.

Actualmente Al ta traha como consehero y mesclador pa calidad di zeta pa gasolinnan pa aviacion y di motor, nafta y combustible pa motor jet.

Como fanatico di deporte, Al su interes especial ta pa futbol. Den su tempu liber el ta haci trabao di carpinter como pasatempu, especialmente trabao artistico cu madera.

E ta casá y tin un yiu homber di 5 anja. Durante su proximo vacantie el ta bai Merca y Mexico.

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divisionnan Supply y Terminal di Departamento Process, y tambe di Mechanical, lo hanja entrenamiento den principianan di refinacion durante e seis luna cu ta bini.

E promer curso, cu lesnan di 7 or di mainta te 4 or di atardi, a cuminsa Januari 12 den Administration Building, oficina 277, cu 36 participante. Un curso similar lo sigi probablemente na Maart y na Mei pa otro gruponan.

Topiconan inclui den e curso ta matematica, conocemento di pomp y compresor, quimica, destilacion y instrumentacion.

Durante e ultimo dos siman y mei, e cursantenan lo hanja les den pinta unidadnan y operacion di planta door di tres foreman di Division di Refinacion.

Encargá cu e curso ta Joe D. Midwikis, kende ja a jega di duna les na un programa similar di entrenamiento di Lago, y coordinador di entrenamiento di Process, Dufi Kock.

Sr. Midwikis recientemente a conduci un programa di entrenamiento pa startmentu y operacion di facilidadnan HDS na Amuay.

## A. Steenen y R. Wouter Ta Avanza Pa Puestonan Mas Haltu Januari 1

Dos promocion nobo a bira efectivo Januari 1 pa Alfonso I. Steenen kende a avanza pa Lab. technician den Technical-Laboratorio, Seccion Analitico y Desaroljo, y Raymundo Wouter cu a bira foreman di warda den Process-Terminal Division.

Al Steenen a bin traha cu compania diezdos anja pasá, como alumno den Lago su School di Ofishi. Despues cu el a gradua el a traha como

aprendiz den categorianan di ingenieria den Mechanical, Division di Ingenieria. Na 1957 el a bai Merca caminda el a studia na school preparatorio Watkinson, Connecticut, promer cu el a matricula na Instituto Pratt pa studia ingenieria quimica. Bolbiendo na Lago na 1960, el a hanja trabao como asistente Jr. di ingenieria, den Technical, Ingenieria di Procesonan.

Na 1963 Al a bolbe bai co-



Den presencia di su tata Gezaghebber O. S. Henriquez (parando patras), Angiolina a pone e promer piedra pa e adicon di dos piso cu 38 kamber na Coral Strand Hotel Jan. 15. Na banda drechi ta e donjonan di e hotel Ike y Grete Cohen. E portret banda drechi ta munstra e sitio pa e adicon cu lo



Witnessed by her father Lt. Governor O. S. Henriquez (standing behind), Angiolina laid the first stone for the two-story, 38-room addition to the Coral Strand Hotel Jan. 15. At right are the hotel owners Ike and Grete Cohen. On picture at right is the site of the two-story addition to be built at a cost of approximately Fls. 750,000. The project, expected to be completed by December 15 this year, will bring the hotel's capacity to 66 rooms.

### Pellegrim Ta Completa Curso

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E curso ta cubri un gran cantidad di topiconan di un plan di estudio pa ingenieria quimica, inclusivo matematica, quimica, ingenieria di proceso y tambe instrumentacion.

Como un asistente den laboratorio, Elio a recibi mas experiencia tecnico y teorético durante cu e tabata tuma e

curso. Esey lo judé den su trabao actual tocante desaroljo di calidad y control di acionan naftenico.

Cu casi diez anja di servicio, Elio a jega di traha den divisionnan di Technical Engineering, Economics & Planning, y Process Engineering. E ta cu Technical-Laboratories desde Februari 1968.

### Randy Tappin Promoví Pa Administrador Den Comptroller's

January 1, 1970 A. R. (Randy) Tappin a ser promoví pa Administrador den Seccion di Finanza-Departamento Comptroller's.

Despues di a gradua na school secundario Grenada Boys, cu tin un curso di 8 anja, Randy a bin traha na Lago Nov. 28, 1944 como mensahero A den loque tabata Accounting Department.

El a worde nombrá supervisor di Seccion Financial & Cost April 1, 1964. Di 1964 te 1966 el tabata encargá cu trabao den Systems & Programming como analista senior di Sistema di Contaduría.

Promer cu su promocion di Januari 1, Randy tabata hefe di Seccion di Finanza desde April 1967.

Randy a tuma como diez-

### Bauer's Patent

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1, 1969 and is at present supervising engineer in the General Engineering Section of Mechanical-Engineering Division.

The present patent, licensed under No. 3,480,493 dated November 25, 1969, will eventually result in some 13 other patents in an equal number of countries. Dick also still has two other patent applications pending in the field of water pollution control.

cuater curso patrociná door di Lago. Na Lima, Peru, Randy a participa den un curso di Venta di Productos na 1963 y un curso di traha Rapport Financiero na 1966.

Randy ta un di e gerentenan di Lago su Esso Tankvaart Nederlandse Antillen desde Dec. 8, 1967, dia cu e compania naviera aki a worde fundá legalmente.



During a recent meeting with contact teachers, Lago Science Fair Committee Chairman Alex Hoo distributed the LSF stickers. Here Home Economics Teacher Elsa Dowling receives one from Alex.

Durante un reciente reunion cu maestronan di contacto, Presidente Alex Hoo di Science Fair Comite a parti stickers di Science Fair. Aki Maestra di Huishoudschool Elsa Dowling ta recibi uno for di Alex.

### Steenen, Wouter Promoví

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Cu su promocion di Januari 1, Raymundo Wouter a drenta grupo di gerencia. Despues di a gradua di Lago su School di Ofishi, clase di 1954, Raymundo a traha tur e anjanan den Departamento Process. El a cuminsa como process helper 'D' den loque antes tabata Departamento Receiving & Shipping, caminda el a traha y bai dilanti te e puesto di pumper. Un promebion na 1964 a ha-

cié operador asistente. Raymundo su siguiente promocion a hacié operador na 1967.

Promer cu e promocion aki cu e hacié foreman di warda, el a traha como remplazante den e puesto ey na varios ocasion.

Raymundo, kende actualmente ta cu vacantie, ta casá y e tin cinco yiu homber y un yiu muher. E cu su famia ta bibá na Simeon Antonio.